

Digital audio transformers

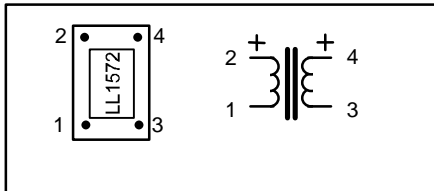
LL1572 (1:1), LL1573 (1:1:1) and LL1589 (1:1:1:1)

The LL1572, LL1573, LL1589 are pulse transformer designed for digital audio. They are designed with a rather large amorphous metal core and have thus low copper resistance, high signal tolerance and low internal capacitance. The amorphous core has a very high μ . Thus, when used, the transformer should be protected from DC current.

LL1572 isolation transformer

Turns ratio:	1:1
Dims: (Length x Width x Height above PCB (mm))	15 x 9 x 11
Spacing between pins 1 and 2:	10.16 mm (0.4")
Spacing between pins 1 and 3:	5.08 mm (0.2")
Rec. PCB hole diameter:	1.5 mm
Weight	2 grams

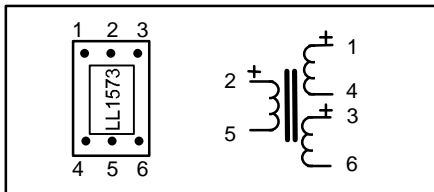
Pin Layout (Top View) and Winding Schematic



LL1573 two output splitting transformer

Turns ratio:	1:1:1
Dims: (Length x Width x Height above PCB (mm))	15 x 9 x 12
Spacing between rows of pins:	10.16 mm (0.4")
Spacing between pins in a row	2.54 mm (0.1")
Rec. PCB hole diameter:	1.4 mm
Weight	2.3 grams

Pin Layout (Top View) and Winding Schematic



LL1589 three output splitting transformer

Turns ratio:	1:1:1:1
Dims: (Length x Width x Height above PCB (mm))	15 x 12 x 12
Spacing between rows of pins:	10.16 mm (0.4")
Spacing between pins in a row	2.54 mm (0.1")
Rec. PCB hole diameter:	1.4 mm
Weight	2.5 grams

Pin Layout (Top View) and Winding Schematic

